

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局

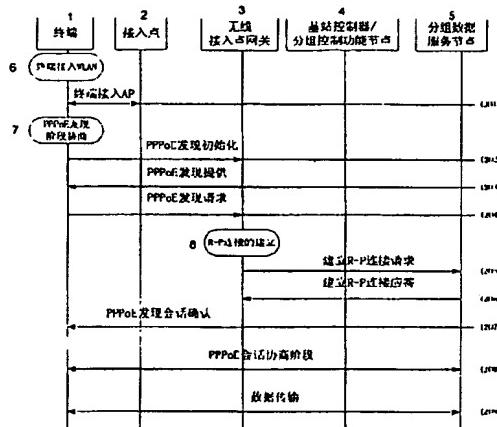


(43) 国际公布日:
2005年4月21日(21.04.2005)

PCT

(10) 国际公布号:
WO 2005/036843 A1

- (51) 国际分类号⁷: H04L 12/64
- (21) 国际申请号: PCT/CN2003/001151
- (22) 国际申请日: 2003年12月31日(31.12.2003)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权: 200310100535.8 2003年10月10日(10.10.2003) CN
- (71) 申请人(对除美国以外的所有指定国): 中兴通讯股份有限公司(ZTE CORPORATION) [CN/CN]; 中国广东省深圳市南山区高新技术产业园科技南路中兴通讯大厦, Guangdong 518057 (CN).
- (72) 发明人;及
- (75) 发明人/申请人(仅对美国): 许秀莉(XU, Xiuli) [CN/CN]; 吴强(WU, Qiang) [CN/CN]; 王敏鹏(WANG, Minpeng) [CN/CN]; 郑江冕(ZHENG, Jiangni) [CN/CN]; 中国广东省深圳市南山区高新技术产业园科技南路中兴通讯大厦, Guangdong 518057 (CN).
- (74) 代理人: 北京市中咨律师事务所(ZHONGZI LAW OFFICE); 中国北京市西城区阜成门北大街6号-9国际投资大厦C座17层, Beijing 100034 (CN).
- (54) Title: A METHOD OF USER ACCESS IMPLEMENTING THE COMBINATION BETWEEN CDMA SYSTEM AND WIRELESS LOCAL AREA NET
- (54) 发明名称: 实现 CDMA 系统与无线局域网结合的用户接入方法



- 1 TERMINAL
2 ACCESS POINT
3 WIRELESS ACCESS POINT GATEWAY
4 BASE STATION CONTROLLER PACKET CONTROLLING FUNCTION NODE
5 PACKET DATA SERVING NODE
6 TERMINAL ACCESSING WLAN
7 PPPoE FINDING PHASE IMPARLANCE
8 ESTABLISHMENT OF R-P CONNECTION
(201) TERMINAL ACCESSING AP
(202) PPPoE FINDING ORIGINATION
(203) PPPoE FINDING PROVISION
(204) PPPoE FINDING REQUEST
(205) ESTABLISHING R-P CONNECTION REQUEST
(206) ESTABLISHING R-P CONNECTION RESPONSE
(207) PPPoE FINDING CONVERSATION CONFIRM
(208) PPPoE CONVERSATION IMPARLANCE PHASE
(209) DATA TRANSMISSION

(57) Abstract: The invention relates to a method of user access implementing the combination between CDMA system and Wireless Local Area Net, using the said CDMA system to authenticate the user terminal of Wireless Local Area Net. This method includes: the user terminal of the said Wireless Local Area Net makes an access dialing, requests the Wireless Access Point gateway of the said Wireless Local Area Net for accessing; the said Wireless Access Point Gateway requests the Packet Data Serving Node of the said CDMA system to establish a data connection for the user terminal of the said Wireless Local Area Net; the said CDMA system authenticates the user terminal of the said Wireless Local Area Net which asks for accessing; and, then the said CDMA system makes successful authentication to the user terminal of the said Wireless Local Area Net, establishing a data connection for the user terminal of the said Wireless Local Area Net. The invention implements the user terminal of Wireless Local Area Net combining with CDMA system in a faster and simpler way.

[见续页]



(57) 摘要

本发明提供一种实现 CDMA 系统与无线局域网结合的用户接入方法，利用所述 CDMA 系统对无线局域网的用户终端进行鉴权。该方法包括：所述无线局域网的用户终端进行接入拨号，向所述无线局域网的无线接入点网关请求接入；所述无线接入点网关请求所述 CDMA 系统的分组数据服务节点为所述无线局域网的用户终端建立数据连接；所述 CDMA 系统对请求接入的所述无线局域网的用户终端进行鉴权；以及，当所述 CDMA 系统对所述无线局域网的用户终端鉴权成功时，为所述无线局域网的用户终端建立数据连接。本发明便捷地实现了无线局域网用户终端接入 CDMA 系统。